

### **Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

### **Listing of Claims:**

1. (ORIGINAL) A display element comprising a light source and a waveguide that propagates a light emitted from the light source, wherein the light propagated in the waveguide is extracted to outside from a waveguide lateral face, and  
wherein the light is extracted out of the waveguide from the waveguide lateral face by changing a shape of the waveguide lateral face.
2. (ORIGINAL) The display element according to claim 1, further comprising a plurality of actuators that change a shape of the waveguide,  
wherein the shape of the waveguide lateral face is changed by selectively operating the actuators to extract the light out of the waveguide from the waveguide lateral face.
3. (ORIGINAL) The display element according to claim 2, wherein the waveguide comprises a core and a cladding formed along one lateral face of the core,  
wherein the actuators are attached to the cladding and the shape of the waveguide lateral face is changed by deforming the actuators.
4. (ORIGINAL) The display element according to claim 3, wherein the light is extracted out of the waveguide by deforming at least a portion of the core of the waveguide.
5. (ORIGINAL) The display element according to claim 2, wherein the actuators are attached to the waveguide lateral face, and  
wherein the shape of the waveguide lateral face is changed by deformation of the actuators.

6. (ORIGINAL) The display element according to claim 2, wherein the actuators comprise a piezoelectric element, and

wherein the shape of the waveguide lateral face is changed by deforming the piezoelectric element by applying a voltage to the piezoelectric element.

7. (ORIGINAL) The display element according to claim 4, wherein the actuators comprise: a first electrode film arranged at the waveguide lateral face,

a piezoelectric element layered on the electrode film, and

a second electrode film layered on the piezoelectric element,

wherein the shape of the waveguide lateral face is changed by deforming the piezoelectric element by applying a voltage between the first electrode film arranged at the waveguide lateral face and the second electrode film layered on the piezoelectric element.

8. (ORIGINAL) The display element according to claim 2, wherein the actuators comprise a convex portion, and

wherein the shape of the waveguide lateral face is changed by applying pressure to the waveguide lateral face with the convex portion.

9. (ORIGINAL) The display element according to claim 2, wherein the actuators comprise: an electrode film arranged at the waveguide lateral face, and

an external electrode film that is in opposition to and adjacent to the waveguide,

wherein the shape of the waveguide lateral face is changed by an electrostatic force produced by applying a voltage between the external electrode film and the electrode film.

10. (ORIGINAL) The display element according to claim 9, wherein the external electrode film comprises a convex portion at the waveguide lateral face, and a shape of the waveguide lateral face is changed by the convex portion of the external electrode film applying pressure to the waveguide lateral face by using the electrostatic force.

11. (ORIGINAL) The display element according to claim 2, wherein the light is extracted out of the waveguide by deforming at least a portion of the core of the waveguide.

12. (ORIGINAL) The display element according to claim 2, wherein at least a portion of the waveguide comprises an elastic material.

13. (ORIGINAL) The display element according to claim 2, wherein at least a portion of the waveguide comprises a transparent gel.

14. (ORIGINAL) The display element according to claim 2, wherein the actuators are formed for each pixel.

15. (ORIGINAL) The display element according to claim 1,  
wherein the waveguide comprises a waveguide electrode film on the waveguide lateral face,

the display element further comprising an opposing electrode film that opposes the waveguide electrode film, and

particles arranged between the waveguide electrode film and the opposing electrode film,

wherein, by applying a voltage between the waveguide electrode film and the opposing electrode film, the particles and the waveguide electrode film are brought into contact such that the particles and the waveguide become integrated, changing the shape of the waveguide lateral face and extracting the light out of the waveguide from the waveguide lateral face.

16. (ORIGINAL) The display element according to claim 15, wherein the light is extracted out of the waveguide by deforming at least a portion of the core of the waveguide.

17. (ORIGINAL) The display element according to claim 15, wherein the particles are electrically charged.
18. (ORIGINAL) The display element according to claim 15, wherein the particles are magnetic.
19. (ORIGINAL) The display element according to claim 15, wherein a surface tension of the waveguide electrode film and a surface tension of a surface of the particles are different from each other.
20. (ORIGINAL) The display element according to claim 15, wherein a coating material is applied to the waveguide electrode film.
21. (ORIGINAL) The display element according to claim 15, wherein the waveguide electrode film and the opposing electrode film are provided for each pixel.
22. (ORIGINAL) The display element according to claim 15, wherein the particle is fluorescent.
23. (ORIGINAL) The display element according to claim 22, wherein the light source emits ultraviolet light.
24. (CURRENTLY AMENDED) The display element according to ~~any of the claims 1 to 21~~ claim 1, wherein the light source is a 3-color LED or a 3-color laser.
25. (CURRENTLY AMENDED) A display device comprising:
  - the display element according to ~~any of the claims 2 to 14~~ claim 1,
  - a light source drive circuit for driving the light source,
  - an actuator drive circuit for driving the actuator, and
  - a control circuit that controls the light source drive circuit and the actuator drive circuit.

26. (CURRENTLY AMENDED) A display device comprising:  
the display element according to ~~any of the claims 15 to 23~~ claim 15,  
a light source drive circuit for driving the light source,  
a particle drive circuit for applying a voltage between the waveguide electrode film and the opposing electrode film, and  
a control circuit that controls the light source drive circuit and the particle drive circuit.
27. (ORIGINAL) A display device comprising:  
the display element according to claim 14, and  
an active matrix element that controls the respective actuators.
28. (ORIGINAL) A display device comprising:  
the display element according to claim 21, and  
an active matrix element that controls respective voltages between the waveguide electrode films and the opposing electrode films.
29. (CURRENTLY AMENDED) The display device according to claim 27 ~~or 28~~,  
wherein the active matrix element is a TFT or a TFD.